



Sheet 01 of 01

Form ~~PTQ-1449~~ ModifiedBasket No.  
PTQ-0038Serial No.  
09/942,498List of Patents and Publications  
Cited by Applicant  
(Use several sheets if necessary)Applicant  
Van Eyk and Arrell

U.S. Department of Commerce

Filing Date  
August 30, 2001Class  
1614

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

BA	AA	Bialojan et al., "Different Phosphorylation Patterns of Cardiac Myosin Light Chains Using ATP and ATP $\gamma$ S as Substrates", J. Mol Cell Cardiol 1988 20:575-578
BA	AB	Morano I., "Tuning the human heart molecular motors by myosin light chains", J. Mol Med 1999 77:844-855
BA	AC	Morano et al., "Phosphorylation and Thin Filament Activation by Myosin Light Chain Kinase: Different Effects on Mechanical Properties of Isometrically Skinned Ventricular Fibers from the Rat", J. Mol Cell Cardiol 1990 22:811-814
BA	AD	Footter et al., "Mutations in either the essential or nonessential light chains of myosin are associated with a rare myopathy in human heart and skeletal muscle", Nature Genetics 1996 14:111-114
BA	AE	Rayment et al., "Three-Dimensional Structure of Myosin Subfragment-1: A Molecular Motor", Science 1993 261:50-65

EXAMINER

DATE CONSIDERED

10/8/2002

FORM PTO-1449  
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
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August 30, 2001GROUP  
1651

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
1	09/115,589		Van Eyk			July 15, 1998
2	09/419,901		Van Eyk			Oct. 18, 1999
3	6,248,549	June 19, 2001	Van Eyk			June 22, 1998

## FOREIGN PATENT DOCUMENTS

*EXAMINER TRANSLATION INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
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## OTHER PUBLICATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

- 1 Hillis, G.S., Zhao, N., Taggart, P., Dalsey, W.C., Mangione, A. "Utility of cardiac troponin I, creatine kinase-MB<sub>mass</sub>, myosin light chain 1, and myoglobin in the early in-hospital triage of "high risk" patients with chest pain." *Heart* 82 (5): 614-20 (1999)
- 2 Katus, H.A., Diederich, K.W., Hoberg, E., Kubler, W. "Circulating cardiac myosin light chains in patients with angina at rest: identification of a high risk subgroup" *J. Am. Coll. Cardiol.* 11 (3): 487-93 (1988)

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\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

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## OTHER PUBLICATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

- 3 Mair, J., Wagner, I., Jakob, G., Lechleitner, P., Dienstl, F., Puschendorf, B., Michel, G. "Different time courses of cardiac contractile proteins after acute myocardial infarction" *Clin. Chim. Acta* 231(1):47-60 (1994)
- 4 Mair, J., Wagner, I., Fridrich, L., Lechleitner, P., Dienstl, F., Puschendorf, B., Michel, G. "Cardiac myosin light chain-1 release in acute myocardial infarction is associated with scintigraphic estimates of myocardial scar" *Clin. Chim. Acta* 229 (1-2): 153-9 (1994)
- 5 Nicol, P.D., Matsueda, G.R., Haber, E., Khaw, B.A. "Synthetic peptide immunogens for the development of a cardiac myosin light chain-1 specific radioimmunoassay" *J. Nucl. Med.* 34 (12): 2144-51 (1993)
- 6 Ravkilde, J., Botker, H.E., Sogaard, P., Selmer, J., Rej, R., Jorgensen, P.J., Horder, M., Thygesen, K. "Human ventricular myosin light chain isotype 1 as a marker of myocardial injury" *Cardiology* 84 (2): 135-44 (1994)
- 7 Ravkilde, J. "Creatine kinase isoenzyme MB mass, cardiac troponin T, and myosin light chain isotype 1 as serological markers of myocardial injury and their prognostic importance in acute coronary syndrome" *Dan. Med. Bull.* 45(1): 34-50 (1998)
- 8 Ravkilde, J., Nissen, H., Horder, M., Thygesen, K. "Independent prognostic value of serum creatine kinase isoenzyme MB mass, cardiac troponin T and myosin light chain levels in suspected acute myocardial infarction. Analysis of 28 months of follow-up in 196 patients" *J. Am. Coll Cardiol.* 25 (3): 574-81 (1995)
- 9 Sato, T., Sasaki, N., O'Rourke, B., Marbán, E. "Adenosine primes the opening of mitochondrial ATP-sensitive potassium channels" *Circulation* 102: 800-805 (2000)
- 10 Sonel, A., Sasseen, B.M., Fineberg, N., Bang, N., Wilensky, R.L. "Prospective study correlating fibrinopeptide A, troponin I, myoglobin, and myosin light chain levels with early and late ischemic events in consecutive patients presenting to the emergency department with chest pain" *Circulation* 102 (10): 1107-13 (2000)

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## OTHER PUBLICATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

- 11 Wang, J., Shi, Q., Wu, T.W., Jackowski, G., Mickle, D.A.G. "The quantitation of human ventricular myosin light chain 1 in serum after myocardial necrosis and infarction" *Clin. Chim. Acta* 181 (3): 325-36 (1989)
- 12 Yamada, T., Matsumori, A., Tamaki, S., Sasayama, S. "Myosin light chain I grade: a simple marker for the severity and prognosis of patients with acute myocardial infarction" *Am. Heart J.* 135 (2 Pt 1): 329-34 (1998)

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